

METHOD AND APPARATUS FOR CONTROLLING ATM STREAMS

Abstract of the Disclosure

The invention relates to a method and an apparatus for receiving and transmitting asynchronous transfer mode (ATM) cell streams over a bus. The invention provides a method for receiving ATM cells in a host from a client over a bus, comprising the steps of determining whether an ATM cell in a first storage device within the client is ready to be transferred over the bus to a second storage device within the host, preventing overflow of the second storage device by calculating a first available cell space in the second storage device as a function of a write value, a read value image and a size value of the second storage device, and transferring an ATM cell from the first storage device to the second storage device.